IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Larry A. Jacobson § Confirmation No.: 7128

Serial No.: 10/671,351 § Group Art Unit: 3672

Filed: September 25, 2003 § Examiner: McElheny Jr., Donald E.

For: Pulse-Neutron Formation § Density §

RESPONSE TO FINAL OFFICE ACTION DATED JULY 7, 2006

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Atty Docket: 1391-44400 Client Ref No. 2003-IP-011060

Date: July 18, 2006

AMENDMENT

Sir:

In response to the final Office action of July 7, 2006, please amend the aboveidentified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 8 of this paper.